

Luxembourg - Agricultural Census, 2010

STATEC

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Overview

Identification

ID NUMBER

LUX_2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

A yearly Farm Structure Survey is organised in Luxembourg since 1953. This survey is used to meet the requirements of the European FSS. Until 2009 included, this survey was organised as a census with an indirect collection mode (i.e. via municipalities). For the reference year 2010, Luxembourg organised a direct data collection to satisfy the requirements of the Regulation (EC) no 1166/2008 of the European Parliament and of the Council of 19 November 2008 on farm structure surveys and the survey on agricultural production methods and repealing Council Regulation (EEC) No 571/88 (hereafter referred to as “the Regulation”).

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The census scope covered agricultural activities (crop and animal production).

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Food (production, crisis)	FAO	
Land (policy, resource management)	FAO	
Livestock	FAO	

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit was the agricultural holding, defined as a single unit, both technically and economically, which has a single management and which undertakes agricultural activities listed in Annex I to the European Parliament and Council Regulation (EC) No. 1166/2008 within the economic territory of the EU, as either its primary or secondary activity. The thresholds established for statistical units in the AC are presented in section 7.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
STATEC	

OTHER PRODUCER(S)

Name	Affiliation	Role
Service d'Oconomie rurale	Ministry Agriculture (MoA)	Data provider

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of metadata for FAM
Census team, Statistics Divison	ESS	Food and Agriculture Organization	Metadata producer

DDI DOCUMENT VERSION

LUX_2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_LUX_2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

The frame was established based on the Register of Agricultural Holdings of the MoA, managed by the SER. The AC 2010 was conducted based on the complete enumeration of agricultural holdings that met national definition of statistical unit.

Questionnaires

Overview

There was a single detailed census questionnaire for all holdings, irrespective of their size, consolidating the questions from both the AC and the SAPM. The survey questionnaires were sent directly to agricultural holdings via the SER, together with the subsidy application forms, and then returned by post to STATEC via the SER. The questionnaire covered all 16 core items recommended in the WCA 2010.

- 0001 Identification and location of agricultural holding
- 0002+ Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantation
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015+ Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

Data Collection

Data Collection Dates

Start	End	Cycle
2010-04	2010-06	N/A

Data Collection Mode

Mail Questionnaire [mail]

Data Collection Notes

Most of the AC data came directly from administrative sources gathered by the SER and provided to the STATEC. Data not available in administrative sources were obtained using census questionnaires collected directly from the holders, by post.

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

Data entry of the survey questionnaires was done by the STATEC staff from July 2010 onwards, using the BLAISE software tool for managing survey forms. Data entry involved manual inputting of data. In autumn 2010, the administrative sources obtained through the SER were combined with the survey data using an official common identifier form a combined micro data set. Microdata validation was performed at STATEC to check the accuracy and plausibility of both the survey and the administrative data. Item nonresponse was addressed using cold-deck imputation, hot deck imputation and, to a lesser extent, ratio imputation as well as deductive imputation.

b. CENSUS DATA QUALITY

The unit nonresponse rate was 2.7 percent. The administrative data of the SER were tested for multiple listing and misclassification errors.

Data Appraisal

Other forms of Data Appraisal

The AC 2010 publications, data and tables are all available online on the Luxembourg statistics portal.